

W.E. Hunt

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

ACT 202 OF 1925 AS AMENDED BY
ACT 214 OF 1953 AND ACT 335 OF
1939 REGULATING THE PRACTICE
OF PROFESSIONAL ENGINEERING

Rules of the Board
Procedure

Issued By

STATE BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS
Box 175, Pulaski Heights Station
Little Rock, Arkansas

1953-1954

Revised August, 1953

RULES OF THE BOARD GENERAL

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1 provided by the Board.

2. *Qualifications.*

An applicant is presumed to be qualified to apply for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience.

Each applicant must submit evidence, except as noted, that he is a graduate of an approved school of engineering, a legal resident of the State of Arkansas, more than 21 years old, of good moral character, has had four or more years of experience in engineering and is qualified to design and direct engineering works of importance. His experience record must show progressive advancement in the character of the work performed. Each case will be considered on its merits and the experience record must be given in such detail that the Board can determine the character of the work performed by the applicant and the degree of his responsibility therewith.

In the absence of a degree the applicant must show not less than eight years of acceptable engineering experience.

3. *Engineering Experience Defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility. For example:

(a) In the field, experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of transitman.

(b) In the shop, or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual designing.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school of recognized standing, and each year of teaching shall be considered as equivalent to one year of practice.

4. *Engineering School Graduates.*

The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers' Council for Professional Development, shall be accepted. The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

5. *Examinations and Rating.*

Examinations will be held in April and October of each year in the office of the Secretary at Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

ARKANSAS STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Education, engineering experience, testimony of references,
and other reliable sources of information50%
Examinations, First Day25%
Second Day25%

Example:

	Grade		Final Grade
Grade on education and experience....	75	50% =	37.5
Examination, First Day—8 hours, closed book on fundamentals	82	25% =	20.5
Examination, Second Day—8 hours, open book, specialized field	74	25% =	18.5
		100%	76.5

The applicant must obtain a minimum rating of 70%. Failure to make such a rating does not disqualify. The applicant may be admitted to future examinations without the payment of additional fees.

6. *Investigating Applicant's Credentials.*

Upon receipt of a properly completed application, Form PE-1, the Secretary will contact references, Registration Boards, and other reliable sources for confirmation of the applicant's statements. He will then prepare a digest covering the educational qualifications, experience, prior registration, etc., of the case and forward copies to each member of the Board for review and ballot.

7. *Examinations and Issuing Certificates.*

(a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original registration except in exceptional cases. Written examinations will be given in two sections. The first section will consist of an examination in the accepted fundamentals of engineering and will be given to all applicants. The second section will be a specialized examination in the particular branch of engineering selected by the applicant. For example, specialized examinations are offered in Highway Engineering, Hydraulics or Waterworks Engineering, Sanitary Engineering, Structural Engineering, Mining Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Industrial Engineering, Agricultural Engineering, Railway Engineering, Petroleum, etc. No specialized examinations will be offered which do not require of the applicant a knowledge of mathematics, the physical sciences and the principles of engineering. For example, the Board does not recognize such classifications as Tool Engineer, Sales Engineer, etc., or minor divisions of generally recognized fields of engineering.

(b) Prior to the written examinations the Board will interview each applicant. The interview is given for the purpose of supplementing the formal application and to obtain an estimate of the applicant's personality, general information and experience. On the basis of the interview together with formally submitted information the Board will either admit or deny the applicant to the examination and if admitted give him a grade on education and experience.

(c) Exemptions will be granted only in exceptional cases of obvious outstanding educational and professional qualifications and accomplishments. Even in such cases oral examination will be required.

(d) The President of the Board will appoint an Examination Committee of three members prior to each regular or special examination date. This Committee will cause to be prepared suitable examinations and will examine and grade the papers. The Committee will have full authority to secure outside assistance from competent engineers in the preparation of questions for and the final grading of exami-

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

1. Apply to the Secretary of the Board for Application Forms.
2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs.
3. When notified by the Secretary the applicant must appear before the Board for interview and examination at the time and the place specified. The applicant must notify the Secretary if he cannot be present in order to obtain a deferment. Only two deferments without justification will be allowed.
4. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary at least sixty (60) days before the examination dates.
5. Upon the completion of the grading of the examination papers by the Board the applicant will be notified of the result of his examination.
6. When applicant is notified that he has successfully completed the examinations he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
7. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
8. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers, as a means of facilitating interstate practice, has adopted the policy of making an independent determination on all applications for reciprocal registration. If an applicant presents satisfactory evidence to the Board that he is a registered professional engineer and that at the time of his *original registration* possessed qualifications which were not less than those provided in Act 214 of the Acts of the Arkansas General Assembly of 1953, he may be registered by the Board without further examination. Such qualifications are stipulated in Section 2 of the Rules of the Board contained herein.
2. Applications for reciprocal registration shall be made on Form PE-1 which will be furnished by the Secretary upon request. These forms must be completely accomplished, notarized and filed with the Secretary in the original only, together with the prescribed fee of \$25.00.

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

ROSTER OF REGISTERED PROFESSIONAL
ENGINEERS, 1955



OFFICIAL SEAL OF BOARD

No Certificate or Annual Renewal Cards Are Valid Without
the Official Seal of the Board

ACT No. 335

AN ACT GOVERNING THE CONSTRUCTION OF PUBLIC WORKS UNDER CERTAIN CIRCUMSTANCES

Be It Enacted by the General Assembly of the State of Arkansas:

Section 1. Hereafter neither the State nor any township, county, city, town, or village nor other political subdivision of the State shall engage in the construction of any public work involving engineering, for which the plans, specifications and estimates have not been made by, and the construction executed under the supervision of a registered professional engineer, licensed to practice under the laws of Arkansas; provided that nothing in this Act shall be held to apply to such public work wherein the contemplated expenditure for the complete project does not exceed five thousand dollars (\$5,000). Provided this Act shall not apply to School Districts or county or townships where said construction is planned and executed according to plans and specifications furnished by authorized State Agencies.

Section 2. The violation of this Act on the part of a public officer shall constitute a misdemeanor punishable by any fine not less than Fifty Dollars (\$50.00).

Section 3. All laws or parts of laws in conflict with the provisions of this Act are hereby repealed.

Section 4. That in order to safeguard life, health and property, and to promote welfare, an emergency is hereby declared to exist and this Act shall take effect immediately upon its passage.

APPROVED: March 16, 1939.

To All to Whom These Presents Shall Come, Greeting:

I, C. G. Hall, Secretary of State of the State of Arkansas, do hereby certify that the following and hereto attached instrument of writing is a true and perfect copy of Act No. 335 of The Acts of the General Assembly for the year 1939.

Signed: C. G. Hall, Secretary of State, this the 25th day of May, 1939.

RULES OF THE BOARD

GENERAL

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1 provided by the Board.

2. *Qualifications.*

An applicant is presumed to be qualified to apply for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience.

Each applicant must submit evidence, except as noted, that he is a graduate of an approved school of engineering, a legal resident of the State of Arkansas, more than 21 years old, of good moral character, has had four or more years of experience in engineering and is qualified to design and direct engineering works of importance. His experience record must show progressive advancement in the character of the work performed. Each case will be considered on its merits and the experience record must be given in such detail that the Board can determine the character of the work performed by the applicant and the degree of his responsibility therewith.

In the absence of a degree the applicant must show not less than eight years of acceptable engineering experience.

3. *Engineering Experience Defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility. For example:

(a) In the field, experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of transitman.

(b) In the shop, or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual designing.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school of recognized standing, and each year of teaching shall be considered as equivalent to one year of practice.

4. *Engineering School Graduates.*

The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers' Council for Professional Development, shall be accepted. The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

5. *Examinations and Rating.*

Examinations will be held in April and October of each year in the office of the Secretary at Little Rock. Other examinations may be held at such times and places as may be designated by the Board.

In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

This fee covers the cost of registration as well as the annual dues for the year in which the applicant is registered.

3. Renewal fees thereafter are due and payable annually upon notice from the Secretary.
4. If and when circumstances arise that warrant such action the Board may, upon the written request of an applicant for reciprocal registration, grant a temporary permit which will operate until a final determination has been made on his application.

RULES OF THE BOARD APPLYING TO ENGINEERS-IN-TRAINING

1. *Form of Application.*

All applications for Engineer-in-Training classification shall be made on Form EIT-1 which will be provided by the Board.

2. *Qualifications.*

Engineer-in-Training classification is available only to those persons who have not acquired sufficient acceptable professional experience for full registration. Specifically, the following persons may be admitted to examination:

(a) Students who are candidates for graduation or who are recent graduates of an engineering college within the state, and graduates of engineering schools from outside the state who have become residents of Arkansas since their graduation. Such engineering colleges shall have been accredited by the Engineers Council for Professional Development. The status of graduates or students of schools not so accredited shall be determined by the Board. Applicants for examination must have the endorsement of school officials who were familiar with the work of the applicant while a student.

(b) Persons having partial training acquired either in college or through individual study and/or practical experience of a type which would place the candidate in a position comparable to that outlined under Section 2 (a) above. The Board will evaluate the education and experience of this type of applicant to determine his admission to the examination.

3. *Examinations.*

(a) Examination for Engineer-in-Training classification will be held at such times and at such places as determined by the Board. Unless otherwise determined, however, the examinations will be held on the campus of the University of Arkansas at some designated time prior to mid-term and/or Spring graduation exercises. Examinations will also be offered at the regular April and October meetings of the Board. The examinations will be prepared and graded by the Board or their authorized representatives.

(b) The examination will be written and will be given in two four hour periods. In general, the first period will embrace the common subject matter of all engineering curricula, including mathematics, chemistry, physics, engineering drawing, and engineering mechanics. The second period will consist of questions on the specialized curricula offered in the later years of college which are applicable to the respective candidates for Engineer-in-Training classifications.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

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2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs.
3. When notified by the Secretary the applicant must appear before the Board for interview and examination at the time and the place specified. The applicant must notify the Secretary if he cannot be present in order to obtain a deferment. Only two deferments without justification will be allowed.
4. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary at least sixty (60) days before the examination dates.
5. Upon the completion of the grading of the examination papers by the Board the applicant will be notified of the result of his examination.
6. When applicant is notified that he has successfully completed the examinations he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
7. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
8. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be readmitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers, as a means of facilitating interstate practice, has adopted the policy of making an independent determination on all applications for reciprocal registration. If an applicant presents satisfactory evidence to the Board that he is a registered professional engineer and that at the time of his *original registration* possessed qualifications which were not less than those provided in Act 214 of the Acts of the Arkansas General Assembly of 1953, he may be registered by the Board without further examination. Such qualifications are stipulated in Section 2 of the Rules of the Board contained herein.
2. Applications for reciprocal registration shall be made on Form PE-1 which will be furnished by the Secretary upon request. These forms must be completely accomplished, notarized and filed with the Secretary in the original only, together with the prescribed fee of \$25.00.

Board Rules

1956 - 1959

ACT No. 335

AN ACT GOVERNING THE CONSTRUCTION OF PUBLIC WORKS UNDER CERTAIN CIRCUMSTANCES

*Be It Enacted by the General Assembly of the State of
Arkansas:*

Section 1. Hereafter neither the State nor any township, county, city, town, or village nor other political subdivision of the State shall engage in the construction of any public work involving engineering, for which the plans, specifications and estimates have not been made by, and the construction executed under the supervision of a registered professional engineer, licensed to practice under the laws of Arkansas; provided that nothing in this Act shall be held to apply to such public work wherein the contemplated expenditure for the complete project does not exceed five thousand dollars (\$5,000). Provided this Act shall not apply to School Districts or county or townships where said construction is planned and executed according to plans and specifications furnished by authorized State Agencies.

Section 2. The violation of this Act on the part of a public officer shall constitute a misdemeanor punishable by any fine not less than Fifty Dollars (\$50.00).

Section 3. All laws or parts of laws in conflict with the provisions of this Act are hereby repealed.

Section 4. That in order to safeguard life, health and property, and to promote welfare, an emergency is hereby declared to exist and this Act shall take effect immediately upon its passage.

APPROVED: March 16, 1939.

To All to Whom These Presents Shall Come, Greeting:

I, C. G. Hall, Secretary of State of the State of Arkansas, do hereby certify that the following and hereto attached instrument of writing is a true and perfect copy of Act No. 335 of The Acts of the General Assembly for the year 1939.

Signed: C. G. Hall, Secretary of State, this 25th day of May, 1939.

RULES OF THE BOARD GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)

2. *Qualifications for Original Registration.*

An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience.

Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:

(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board in its discretion may consider satisfactory graduate study in engineering equal to one year's experience.

(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering Experience Defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility. For example:

(a) In the field, experience shall begin to count when the applicant reaches a position of responsibility equivalent to that of transitman.

(b) In the shop, or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual designing.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school of recognized standing, and each year of teaching shall be considered as equivalent to one year of practice.

4. *Engineering School Graduates.*

The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers' Council for Professional Development, shall be accepted. The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

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2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Arkansas State Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs. These forms must be completely accomplished, notarized and filed with the Secretary. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary.
3. When notified by the Secretary the applicant must appear before the Board for interview and examination at the time and the place specified. The applicant must notify the Secretary if he cannot be present in order to obtain a deferment. Only two deferments without justification will be allowed.
4. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary at least sixty (60) days before the examination dates.
5. Upon the completion of the grading of the examination papers by the Board the applicant will be notified of the result of his examination.
6. When applicant is notified that he has successfully completed the examinations he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
7. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
8. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers has established the policy of making an independent determination on all applications for reciprocal registration. Each applicant must present satisfactory evidence to the Board that he is a Registered Professional Engineer in good standing.

The Board has determined that each applicant must possess qualifications which comply with one of the specifications outlined hereunder. These specifications have been developed as a guide for the partial

determination of the applicant's qualifications and must not be considered as fixed criteria for acceptance.

(a) He must be a graduate of an approved engineering school and must have had not less than four (4) years of acceptable engineering experience if he has been registered by written examination.

(b) He must be a graduate of an approved engineering school and must have had not less than eight (8) years of acceptable engineering experience if he has been registered on the basis of graduation plus experience.

(c) Without an engineering degree he must have had not less than eight (8) years of acceptable experience if he has been registered by written examination.

(d) Without an engineering degree he must have had not less than twelve (12) years of acceptable experience if he has been registered on the basis of experience only.

2. Applications for reciprocal registration shall be made on Form P. E. 1, Revised, which will be furnished by the Secretary on request. These forms must be completely accomplished, notarized and filed with the Secretary together with the prescribed fee of \$25.00. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. The registration fee covers the cost of registration and the annual dues for the year in which the applicant is registered.
3. Renewal fees thereafter are due and payable annually upon notice from the Secretary.
4. If and when circumstances arise that warrant such action the Board may, upon the written request of an applicant for reciprocal registration, grant a temporary permit which will operate until a final determination has been made on his application.

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

ROSTER OF REGISTERED PROFESSIONAL
ENGINEERS, 1960-1962



OFFICIAL SEAL OF BOARD

RULES OF THE BOARD - GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)

2. *Qualifications for Original Registration.*

An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience.

Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:

(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board, in its discretion, may consider satisfactory graduate study resulting in a graduate degree in engineering equal to one year's experience. Work experience and graduate study occurring simultaneously cannot exceed the elapsed calendar time during which this occurs.

(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering experience defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility.

For example:

(a) In the field, experience shall begin to count when the applicant reaches the position of responsibility equivalent to that of chief of party.

(b) In the shop or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual design of major work.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school whose standing is recognized by the Board, and each year of teaching shall be considered as equivalent to one year of practice.

(e) One year of the required experience shall be obtained under the direct supervision of a Registered Professional Engineer.

4. *Engineering School Graduates.*

- (a) The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers Council for Professional Development, shall be accepted.
- (b) The status of graduate from schools of engineering other than those so accredited will be determined by the Board.
- (c) The Board in its discretion may allow an applicant who has satisfactorily completed a portion of the curriculum leading to a degree in engineering to substitute each year of work completed for one-half year of the experience to a maximum of 2 years. Applicants desiring to obtain credit under this section shall submit six certified copies of his transcript of college credits at the time the application is submitted. The transcript shall remain a part of the applicant's file.
- (d) In the case of applicants who have college degrees in some branch of learning other than engineering the Board may allow credit for experience not to exceed one year of experience after an evaluation of the transcript of such college courses to determine what portion of the college work could be considered as basis to a career in Professional Engineering. Any applicant to whom this determination might apply must submit six certified copies of his college transcript which shall remain a part of his permanent file with the Board.

5. *Examinations and Ratings.*

Examinations will be held in April and October of each year in Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

Education, engineering experience, testimony of references and other reliable sources of information	33.33%
Examinations, First day	33.33%
Second day	33.33%

The applicant must receive a minimum rating of 70% on the combined grade as determined above to be eligible for registration. If the applicant receives a grade of less than 60.0% on either of the written examinations he shall be required to take each portion of the examination again even though his average grade is over 70.0%. In case the applicant fails to receive the average 70.0% he may be readmitted to subsequent examinations subject to the following conditions:

Admission to two additional examinations without additional fee. Any applicant who fails a third time to pass the examinations will not be readmitted. A new application with fees will be required if the applicant desires to again take the examinations. Before the Board will favorably consider a new application of this type it must be convinced that the applicant has progressed in knowledge and experience beyond that evidenced at the time of his latest examination.

Applicants who fail to pass examinations will be notified of the time of the next examination. Each such applicant, if he desires a re-examination, must appear before the Board at the time stated in the notice or must notify the Secretary in writing of a desire for postponement to some future examination period. If applicant fails to respond to two such notifications the application file will be closed and will not be opened without the filing of a new application.

6. *Examinations and Issuing Certificates.*

- (a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original registration except in exceptional cases. Written examinations will be given in two sections. The first section will consist of an examination

in the accepted fundamentals of engineering and will be given to all applicants. The second section will be a specialized examination in the particular branch of engineering selected by the applicant. For example, specialized examinations are offered in Highway Engineering, Hydraulics or Waterworks Engineering, Sanitary Engineering, Structural Engineering, Mining Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Industrial Engineering, Agricultural Engineering, Railway Engineering, Petroleum, etc. No specialized examinations will be offered which do not require of the applicant a knowledge of mathematics, the physical sciences and the principles of engineering. For example, the Board does not recognize such classifications as Tool Engineer, Sales Engineer, etc., or minor divisions of generally recognized fields of engineering.

(b) Prior to the written examinations the Board will interview each applicant. The interview is given for the purpose of supplementing the formal application and to obtain an estimate of the applicant's personality, general information and experience. On the basis of the interview together with formally submitted information the Board will either admit or deny the applicant to the examination and if admitted give him a grade on education and experience.

(c) Exemptions will be granted only in exceptional cases of obvious outstanding educational and professional qualifications and accomplishments. Even in such cases oral examinations will be required.

7. *Seals.*

Section 4 (3) of Act 214 of 1953 stipulates that all plans, specifications, plats, reports, etc., issued by a registered engineer shall be stamped with a seal of a design authorized by the Board. While the Board assumes no responsibility for their procurement, inquiry should be directed to the Secretary for information concerning their purchase.

8. *Application and Annual Renewal Fees.*

The original application for registration must be accompanied by a remittance of Fifteen (\$15.00) Dollars which will be retained to cover the cost of processing the application.

When the applicant has been notified that he has successfully passed the examination and has been certified for registration, an additional fee of Ten (\$10.00) Dollars will be required. Upon receipt of this fee a certificate will be issued by the Board authorizing him to practice as a Professional Engineer. Unless otherwise stipulated by the Board the payment of this amount will constitute payment of license for the remainder of the year in which the certificate was issued.

An annual renewal fee for all certificates is due and payable on or before January 1st of each year, for the ensuing year. (See Sec. 6 of Act 214 of 1953.) Annual registration renewal cards will be furnished promptly by the Secretary, on receipt of the renewal fee. These cards will serve as the Board's official receipt. Renewal fees must be in the Secretary's hands not later than January 31, if the registrant's name is to appear in the current roster.

9. *Registration Number.*

Certificates of Registration will be numbered consecutively in the order in which candidates qualify for registration.

10. *Revocation of Certificate for Non-Payment of Renewal Fee.*

The license of a registered engineer will be revoked when the annual renewal fee remains unpaid for a period of 12 months. The procedure for reinstatement is set out in the following section.

11. *Reinstatement of Lapsed Certificate.*

Any registrant whose certificate of registration has been revoked for the non-payment of renewal fees may apply by letter for reinstatement.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

1. Apply to the Secretary of the Board for Application Forms.
2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Arkansas State Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs. These forms must be completely accomplished, notarized and filed with the Secretary. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. Six copies of a recent photograph of the applicant shall be furnished.
3. When notified by the Secretary the applicant must appear before the Board for interview and examination at the time and the place specified. The applicant must notify the Secretary if he cannot be present in order to obtain a deferment. Only two deferments without justification will be allowed.
4. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary by March 1 for consideration at the April examination and September 1 for consideration at the October examination.
5. Upon the completion of the grading of the examination papers by the Board the applicant will be notified of the result of his examination.
6. When applicant is notified that he has successfully completed the examination he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
7. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
8. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers has established the policy of making an independent determination on all applications for reciprocal registration. Each applicant must present satisfactory evidence to the Board that he is a Registered Professional Engineer in good standing.

The Board has determined that each applicant must possess qualifications which comply with one of the specifications outlined hereunder. These specifications have been developed as a guide for the partial determination of the applicant's qualifications and must not be considered as fixed criteria for acceptance.

- (a) He must be a graduate of any approved engineering school and must have had not less than four (4) years of acceptable engineering experience if he has been registered by written examination.
 - (b) He must be a graduate of an approved engineering school and must have had not less than eight (8) years of acceptable engineering experience if he has been registered on the basis of graduation plus experience.
 - (c) Without an engineering degree he must have had not less than eight (8) years of acceptable experience if he has been registered by written examination.
 - (d) Without an engineering degree he must have had not less than twelve (12) years of acceptable experience if he has been registered on the basis of experience only.
2. Applications for reciprocal registration shall be made on Form P. E. 1, Revised, which will be furnished by the Secretary on request. These forms must be completely accomplished, notarized and filed with the Secretary together with the prescribed fee of \$25.00. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. The registration fee covers the cost of registration and the annual dues for the year in which the applicant is registered.
 3. Six copies of a recent photograph of the applicant shall be furnished.
 4. Renewal fees thereafter are due and payable annually upon notice from the Secretary.
 5. If and when circumstances arise that warrant such action the Board may, upon the written request of an applicant for reciprocal registration, grant a temporary permit which will operate until a final determination has been made on his application.

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

ROSTER OF REGISTERED PROFESSIONAL
ENGINEERS, 1963-1965



OFFICIAL SEAL OF BOARD

RULES OF THE BOARD — GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)

2. *Qualifications for Original Registration.*

An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience. Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:

(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board, in its discretion, may consider satisfactory graduate study resulting in a graduate degree in engineering equal to one year's experience. Work experience and graduate study occurring simultaneously cannot exceed the elapsed calendar time during which this occurs.

(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering experience defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility.

For example:

(a) In the field, experience shall begin to count when the applicant reaches the position of responsibility equivalent to that of chief of party.

(b) In the shop or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual design of major work.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school whose standing is recognized by the Board, and each year of teaching shall be considered as equivalent to one year of practice.

(e) One year of the required experience shall be obtained under the direct supervision of a Registered Professional Engineer.

4. *Engineering School Graduates.*

(a) The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers Council for Professional Development, shall be accepted.

(b) The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

(c) The Board in its discretion may allow an applicant who has satisfactorily completed a portion of the curriculum leading to a degree in engineering to substitute each year of work completed for one-half year of the experience to a maximum of 2 years. Applicants desiring to obtain credit under this section shall submit six certified copies of his transcript of college credits at the time the application is submitted. The transcript shall remain a part of the applicant's file.

(d) In the case of applicants who have college degrees in some branch of learning other than engineering the Board may allow credit for experience not to exceed one year of experience after an evaluation of the transcript of such college courses to determine what portion of the college work could be considered as basis to a career in Professional Engineering. Any applicant to whom this determination might apply must submit six certified copies of his college transcript which shall remain a part of his permanent file with the Board.

5. *Examinations and Ratings:*

Examinations will be held in April and October of each year in Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

Education, engineering experience, testimony of references and other reliable sources of information	33.33%
Examinations, First day	33.33%
Second day	33.33%

The applicant must receive a minimum rating of 70%, on the combined grade as determined above to be eligible for registration. If the applicant receives a grade of less than 60.0% on either of the written examinations he shall be required to take each portion of the examination again even though his average grade is over 70.0%. In case the applicant fails to receive the average 70.0% he may be readmitted to subsequent examinations subject to the following conditions:

Admission to two additional examinations without additional fee. Any applicant who fails a third time to pass the examinations will not be readmitted. A new application with fees will be required if the applicant desires to again take the examinations. Before the Board will favorably consider a new application of this type it must be convinced that the applicant has progressed in knowledge and experience beyond that evidenced at the time of his latest examination.

Applicants who fail to pass examinations will be notified of the time of the next examination. Each such applicant, if he desires a re-examination, must appear before the Board at the time stated in the notice or must notify the Secretary in writing of a desire for postponement to some future examination period. If applicant fails to respond to two such notifications the application file will be closed and will not be opened without the filing of a new application.

6. *Examinations and Issuing Certificates.*

(a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original re-

gistration except in exceptional cases. Written examinations will be given in two sections. The first section will consist of an examination in the accepted fundamentals of engineering and will be given to all applicants. The second section will be a specialized examination in the particular branch of engineering selected by the applicant. For example, specialized examinations are offered in Highway Engineering, Hydraulics or Waterworks Engineering, Sanitary Engineering, Structural Engineering, Mining Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Industrial Engineering, Agricultural Engineering, Railway Engineering, Petroleum, etc. No specialized examinations will be offered which do not require of the applicant a knowledge of mathematics, the physical sciences and the principles of engineering. For example, the Board does not recognize such classifications as Tool Engineer, Sales Engineer, etc., or minor divisions of generally recognized field of engineering.

(b) Prior to the written examinations the Board will interview each applicant. The interview is given for the purpose of supplementing the formal application and to obtain an estimate of the applicant's personality, general information and experience. On the basis of the interview together with formally submitted information the Board will either admit or deny the applicant to the examination and if admitted give him a grade on education and experience.

(c) Exemptions will be granted only in exceptional cases of obvious outstanding educational and professional qualifications and accomplishments. Even in such cases oral examinations will be required.

7. *Seals.*

Section 4 (3) of Act 214 of 1953 stipulates that all plans, specifications, plats, reports, etc., issued by a registered engineer shall be stamped with a seal of a design authorized by the Board. While the Board assumes no responsibility for their procurement inquiry should be directed to the Secretary for information concerning their purchase.

8. *Application and Annual Renewal Fees.*

The original application for registration must be accompanied by a remittance of Fifteen (\$15.00) Dollars which will be retained to cover the cost of processing the application.

When the applicant has been notified that he has successfully passed the examination and has been certified for registration, an additional fee of Ten (\$10.00) Dollars will be required. Upon receipt of this fee a certificate will be issued by the Board authorizing him to practice as a Professional Engineer. Unless otherwise stipulated by the Board the payment of this amount will constitute payment of license for the remainder of the year in which the certificate was issued.

An annual renewal fee for all certificates is due and payable on or before January 1st of each year, for the ensuing year. (See Sec. 6 of Act 214 of 1953.) Annual registration renewal cards will be furnished promptly by the Secretary, on receipt of the renewal fee. These cards will serve as the Board's official receipt. Renewal fees must be in the Secretary's hands not later than January 31, if the registrant's name is to appear in the current roster.

9. *Registration Number.*

Certificates of Registration will be numbered consecutively in the order in which candidates qualify for registration.

10. *Revocation of Certificate for Non-Payment of Renewal Fee.*

The license of a registered engineer will be revoked when the annual renewal fee remains unpaid for a period of 12 months.

The procedure for reinstatement is set out in the following section.

11. *Reinstatement of Lapsed Certificate.*

Any registrant whose certificate of registration has been revoked for the non-payment of renewal fees may apply by letter for reinstatement. The application so filed must be supported with an amended experience record covering all experience subsequent to the date of lapse. Upon receipt of the application and amended experience record the Board will determine whether to reinstate or whether to require a full examination as given for original registration. If reinstatement is granted, the applicant must pay all delinquent renewal fees not to exceed a total of \$25.00. If required to take the examinations he will be required to comply with the provisions of Section 9 hereof.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

1. Apply to the Secretary of the Board for Application Forms.
2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Arkansas State Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs. These forms must be completely accomplished, notarized and filed with the Secretary. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. Six copies of a recent photograph of the applicant shall be furnished.
3. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary by March 1st for consideration at the April examination and September 1st for consideration at the October examination.
4. Upon the completion of grading of the examination papers by the Board the applicant will be notified of the result of his examination.
5. When applicant is notified that he has successfully completed the examination he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
6. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
7. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

**ROSTER OF REGISTERED PROFESSIONAL
ENGINEERS, 1966-1967**



OFFICIAL SEAL OF BOARD

ACT No. 335

AN ACT GOVERNING THE CONSTRUCTION OF PUBLIC WORKS UNDER CERTAIN CIRCUMSTANCES

*Be It Enacted by the General Assembly of the State of
Arkansas:*

Section 1. Hereafter neither the State nor any township, county, city, town, or village nor other political subdivision of the State shall engage in the construction of any public work involving engineering, for which the plans, specifications and estimates have not been made by, and the construction executed under the supervision of a registered professional engineer, licensed to practice under the laws of Arkansas; provided that nothing in this Act shall be held to apply to such public work wherein the contemplated expenditure for the complete project does not exceed five thousand dollars (\$5,000). Provided this Act shall not apply to School Districts or county or townships where said construction is planned and executed according to plans and specifications furnished by authorized State Agencies.

Section 2. The violation of this Act on the part of a public officer shall constitute a misdemeanor punishable by any fine not less than Fifty Dollars (\$50.00).

Section 3. All laws or parts of laws in conflict with the provisions of this Act are hereby repealed.

Section 4. That in order to safeguard life, health and property, and to promote welfare, an emergency is hereby declared to exist and this Act shall take effect immediately upon its passage.

APPROVED: March 16, 1939.

To All to Whom These Presents Shall Come, Greeting:

I, C. G. Hall, Secretary of State of the State of Arkansas, do hereby certify that the following and hereto attached instrument of writing is a true and perfect copy of Act No. 335 of The Acts of the General Assembly for the year 1939.

Signed: C. G. Hall, Secretary of State, this 25th day of May, 1939.

RULES OF THE BOARD — GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*
All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)
2. *Qualifications for Original Registration.*
An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience. Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:
(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board, in its discretion, may consider satisfactory graduate study resulting in a graduate degree in engineering equal to one year's experience. Work experience and graduate study occurring simultaneously cannot exceed the elapsed calendar time during which this occurs.
(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering experience defined.*
The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility.
For example:
(a) In the field, experience shall begin to count when the applicant reaches the position of responsibility equivalent to that of chief of party.
(b) In the shop or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.
(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual design of major work.
(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school whose standing is recognized by the Board, and each year of teaching shall be considered as equivalent to one year of practice.
(e) One year of the required experience shall be obtained under the direct supervision of a Registered Professional Engineer.

4. *Engineering School Graduates.*

(a) The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers Council for Professional Development, shall be accepted.

(b) The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

(c) The Board in its discretion may allow an applicant who has satisfactorily completed a portion of the curriculum leading to a degree in engineering to substitute each year of work completed for one-half year of the experience to a maximum of 2 years. Applicants desiring to obtain credit under this section shall submit six certified copies of his transcript of college credits at the time the application is submitted. The transcript shall remain a part of the applicant's file.

(d) In the case of applicants who have college degrees in some branch of learning other than engineering the Board may allow credit for experience not to exceed one year of experience after an evaluation of the transcript of such college courses to determine what portion of the college work could be considered as basis to a career in Professional Engineering. Any applicant to whom this determination might apply must submit six certified copies of his college transcript which shall remain a part of his permanent file with the Board.

5. *Examinations and Ratings:*

Examinations will be held in April and October of each year in Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

Education, engineering experience, testimony of references and other reliable sources of information	33.33%
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Admission to two additional examinations without additional fee. Any applicant who fails a third time to pass the examinations will not be readmitted. A new application with fees will be required if the applicant desires to again take the examinations. Before the Board will favorably consider a new application of this type it must be convinced that the applicant has progressed in knowledge and experience beyond that evidenced at the time of his latest examination.

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6. *Examinations and Issuing Certificates.*

(a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original re-

gistration except in exceptional cases. Written examinations will be given in two sections. The first section will consist of an examination in the accepted fundamentals of engineering and will be given to all applicants. The second section will be a specialized examination in the particular branch of engineering selected by the applicant. For example, specialized examinations are offered in Highway Engineering, Hydraulics or Waterworks Engineering, Sanitary Engineering, Structural Engineering, Mining Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Industrial Engineering, Agricultural Engineering, Railway Engineering, Petroleum, etc. No specialized examinations will be offered which do not require of the applicant a knowledge of mathematics, the physical sciences and the principles of engineering. For example, the Board does not recognize such classifications as Tool Engineer, Sales Engineer, etc., or minor divisions of generally recognized field of engineering.

(b) Prior to the written examinations the Board will interview each applicant. The interview is given for the purpose of supplementing the formal application and to obtain an estimate of the applicant's personality, general information and experience. On the basis of the interview together with formally submitted information the Board will either admit or deny the applicant to the examination and if admitted give him a grade on education and experience.

(c) Exemptions will be granted only in exceptional cases of obvious outstanding educational and professional qualifications and accomplishments. Even in such cases oral examinations will be required.

7. *Seals.*

Section 4 (3) of Act 214 of 1953 stipulates that all plans, specifications, plats, reports, etc., issued by a registered engineer shall be stamped with a seal of a design authorized by the Board. While the Board assumes no responsibility for their procurement inquiry should be directed to the Secretary for information concerning their purchase.

8. *Application and Annual Renewal Fees.*

The original application for registration must be accompanied by a remittance of Fifteen (\$15.00) Dollars which will be retained to cover the cost of processing the application.

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9. *Registration Number.*

Certificates of Registration will be numbered consecutively in the order in which candidates qualify for registration.

10. *Revocation of Certificate for Non-Payment of Renewal Fee.*

The license of a registered engineer will be revoked when the annual renewal fee remains unpaid for a period of 12 months.

The procedure for reinstatement is set out in the following section.

11. *Reinstatement of Lapsed Certificate.*

Any registrant whose certificate of registration has been revoked for the non-payment of renewal fees may apply by letter for reinstatement. The application so filed must be supported with an amended experience record covering all experience subsequent to the date of lapse. Upon receipt of the application and amended experience record the Board will determine whether to reinstate or whether to require a full examination as given for original registration. If reinstatement is granted, the applicant must pay all delinquent renewal fees not to exceed a total of \$25.00. If required to take the examinations he will be required to comply with the provisions of Section 9 hereof.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

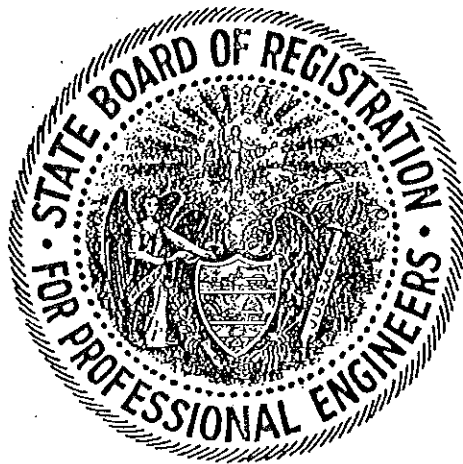
1. Apply to the Secretary of the Board for Application Forms.
2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Arkansas State Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs. These forms must be completely accomplished, notarized and filed with the Secretary. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. Six copies of a recent photograph of the applicant shall be furnished.
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5. When applicant is notified that he has successfully completed the examination he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
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7. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers has established the policy of making an independent determination on all applications for reciprocal registration. Each applicant must present satisfactory evidence to the Board that he is a Registered Professional Engineer in good standing. The Board has determined that each applicant must possess qualifications which comply with one of the specifications outlined hereunder. These specifications have been developed as a guide for the partial determination of the applicant's qualifications and must not be considered as fixed criteria for acceptance.
 - (a) He must be a graduate of any approved engineering school and must have had not less than four (4) years of acceptable engineering experience if he has been registered by written examination.
 - (b) He must be a graduate of an approved engineering school and must have had not less than eight (8) years of acceptable engineering experience if he has been registered on the basis of graduation plus experience.
 - (c) Without an engineering degree he must have had not less than eight (8) years of acceptable experience if he has been registered by written examination.
 - (d) Without an engineering degree he must have had not less than twelve (12) years of acceptable experience if he has been registered on the basis of experience only.
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3. Six copies of a recent photograph of the applicant shall be furnished.
4. Renewal fees thereafter are due and payable annually upon notice from the Secretary.
5. If and when circumstances arise that warrant such action the Board may, upon the written request of an applicant for reciprocal registration, grant a temporary permit which will operate until a final determination has been made on his application.

ARKANSAS
STATE BOARD OF REGISTRATION
for
PROFESSIONAL ENGINEERS

**ROSTER OF REGISTERED PROFESSIONAL
ENGINEERS, 1968**



OFFICIAL SEAL OF BOARD

RULES OF THE BOARD—GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)

2. *Qualifications for Original Registration.*

An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience. Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:

(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board, in its discretion, may consider satisfactory graduate study resulting in a graduate degree in engineering equal to one year's experience. Work experience and graduate study occurring simultaneously cannot exceed the elapsed calendar time during which this occurs.

(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering experience defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility.

For example:

(a) In the field, experience shall begin to count when the applicant reaches the position of responsibility equivalent to that of chief of party.

(b) In the shop or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual design of major work.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school whose standing is recognized by the Board, and each year of teaching shall be considered as equivalent to one year of practice.

(e) One year of the required experience shall be obtained under the direct supervision of a Registered Professional Engineer.

4. *Engineering School Graduates.*

(a) The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers Council for Professional Development, shall be accepted.

(b) The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

(c) The Board in its discretion may allow an applicant who has satisfactorily completed a portion of the curriculum leading to a degree in engineering to substitute each year of work completed for one-half year of the experience to a maximum of 2 years. Applicants desiring to obtain credit under this section shall submit six certified copies of his transcript of college credits at the time the application is submitted. The transcript shall remain a part of the applicant's file.

(d) In the case of applicants who have college degrees in some branch of learning other than engineering the Board may allow credit for experience not to exceed one year of experience after an evaluation of the transcript of such college courses to determine what portion of the college work could be considered as basis to a career in Professional Engineering. Any applicant to whom this determination might apply must submit six certified copies of his college transcript which shall remain a part of his permanent file with the Board.

5. *Examinations and Ratings:*

Examinations will be held in April and October of each year in Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

Education, engineering experience, testimony of references and other reliable sources of information	33.33%
Examinations, First day	33.33%
Second day	33.33%

The applicant must receive a minimum rating of 70%, on the combined grade as determined above to be eligible for registration. If the applicant receives a grade of less than 60.0% on either of the written examinations he shall be required to take only that portion of the examination again even though his average grade is over 70.0%. In case the applicant fails to receive the average 70.0% he may be readmitted to subsequent examinations subject to the following conditions:

Admission to two additional examinations without additional fee. Any applicant who fails a third time to pass the examinations will not be readmitted. A new application with fees will be required if the applicant desires to again take the examinations. Before the Board will favorably consider a new application of this type it must be convinced that the applicant has progressed in knowledge and experience beyond that evidenced at the time of his latest examination.

Applicants who fail to pass examinations will be notified of the time of the next examination. Each such applicant, if he desires a re-examination, must appear before the Board at the time stated in the notice or must notify the Secretary in writing of a desire for postponement to some future examination period. If applicant fails to respond to two such notifications the application file will be closed and will not be opened without the filing of a new application.

6. *Examinations and Issuing Certificates.*

(a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original re-

The procedure for reinstatement is set out in the following section.

11. *Reinstatement of Lapsed Certificate.*

Any registrant whose certificate of registration has been revoked for the non-payment of renewal fees may apply by letter for reinstatement. The application so filed must be supported with an amended experience record covering all experience subsequent to the date of lapse. Upon receipt of the application and amended experience record the Board will determine whether to reinstate or whether to require a full examination as given for original registration. If reinstatement is granted, the applicant must pay all delinquent renewal fees not to exceed a total of \$25.00. If required to take the examinations he will be required to comply with the provisions of Section 9 hereof.

DIGEST OF PROCEDURE TO BE FOLLOWED BY AN APPLICANT FOR ORIGINAL REGISTRATION

1. Apply to the Secretary of the Board for Application Forms.
2. Prepare forms as instructed and return to the Secretary together with remittance of Fifteen (\$15.00) Dollars made payable to the Arkansas State Board of Registration for Professional Engineers. The applicant is urged to carefully appraise his qualifications and consult with the Secretary of the Board or some Board member if there is any question in his mind concerning his qualifications before formally filing his application. This is urged because the filing fee of Fifteen (\$15.00) Dollars is retained by the Board to cover administrative costs. These forms must be completely accomplished, notarized and filed with the Secretary. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. Six copies of a recent photograph of the applicant shall be furnished.
3. The attention of the applicant is called to the fact that examinations are held semi-annually in April and October. Applications properly prepared must be in the hands of the Secretary by March 1st for consideration at the April examination and September 1st for consideration at the October examination.
4. Upon the completion of grading of the examination papers by the Board the applicant will be notified of the result of his examination.
5. When applicant is notified that he has successfully completed the examination he must then, upon notice from the Secretary, remit the sum of Ten (\$10.00) Dollars upon receipt of which a certificate of registration will be duly issued and the applicant may then proceed to practice as a registered professional engineer.
6. The original certificate of registration will permit the applicant to practice without further fee during the year in which he is registered. Thereafter renewal fees are due and payable annually upon notice from the Secretary.
7. Should an applicant fail to pass the examination he may later apply for re-examination without additional fee. If after interview and review of his case the Board is of the opinion that he should be re-admitted to the examinations he may take another examination.

RECIPROCAL REGISTRATION

1. The Arkansas State Board of Registration for Professional Engineers has established the policy of making an independent determination on all applications for reciprocal registration. Each applicant must present satisfactory evidence to the Board that he is a Registered Professional Engineer in good standing. The Board has determined that each applicant must possess qualifications which comply with one of the specifications outlined hereunder. These specifications have been developed as a guide for the partial determination of the applicant's qualifications and must not be considered as fixed criteria for acceptance.
 - (a) He must be a graduate of any approved engineering school and must have had not less than four (4) years of acceptable engineering experience if he has been registered by written examination.
 - (b) He must be a graduate of an approved engineering school and must have had not less than eight (8) years of acceptable engineering experience if he has been registered on the basis of graduation plus experience.
 - (c) Without an engineering degree he must have had not less than eight (8) years of acceptable experience if he has been registered by written examination.
 - (d) Without an engineering degree he must have had not less than twelve (12) years of acceptable experience if he has been registered on the basis of experience only.
2. Applications for reciprocal registration shall be made on Form P. E. 1, Revised, which will be furnished by the Secretary on request. These forms must be completely accomplished, notarized and filed with the Secretary together with the prescribed fee of \$25.00. The applicant will be responsible for the delivery of the blank reference letters to his references and the application will not be processed until all reference letters have been received by the Secretary. The registration fee covers the cost of registration and the annual dues for the year in which the applicant is registered.
3. Six copies of a recent photograph of the applicant shall be furnished.
4. Renewal fees thereafter are due and payable annually upon notice from the Secretary.
5. If and when circumstances arise that warrant such action the Board may, upon the written request of an applicant for reciprocal registration, grant a temporary permit which will operate until a final determination has been made on his application.

ARKANSAS
STATE BOARD OF REGISTRATION
FOR
PROFESSIONAL ENGINEERS
AND
LAND SURVEYORS

ROSTER OF REGISTERED
PROFESSIONAL
ENGINEERS , 1969-1972

RULES OF THE BOARD — GENERAL

ORIGINAL REGISTRATION

1. *Form of Application.*

All applications for registration shall be made on printed forms P. E. 1, Revised, provided by the Board. (See Digest of Procedure for complete details.)

2. *Qualifications for Original Registration.*

An applicant is presumed to be qualified for registration if he possesses a knowledge of mathematics, the physical sciences and the principles of engineering gained by education and experience. Act 214 of 1953 permits the Board to consider applications from persons possessing the following qualifications:

(a) A graduate of an approved engineering curriculum of four years from a school or college approved by the Board who has had four years experience in engineering work of a type satisfactory to the Board. The Board, in its discretion, may consider satisfactory graduate study resulting in a graduate degree in engineering equal to one year's experience. Work experience and graduate study occurring simultaneously cannot exceed the elapsed calendar time during which this occurs.

(b) A person who is not a graduate of an approved engineering school but who has had eight years of experience in engineering work of a type satisfactory to the Board.

Each applicant, must completely execute the application form, being careful to supply all information applicable and requested. It is on the basis of the information supplied on this form that the applicant will be granted a hearing before the Board. Any application not fully and completely executed will be returned to the applicant and will not be considered by the Board until all information has been supplied. In the absence of a degree the applicant must show not less than eight (8) years of acceptable experience.

3. *Engineering experience defined.*

The engineering experience of an applicant will include only such experience gained by the applicant subsequent to his eighteenth birthday. Such experience must have required the exercise of original thought and independent responsibility.

For example:

(a) In the field, experience shall begin to count when the applicant reaches the position of responsibility equivalent to that of chief of party.

(b) In the shop or laboratory, experience shall begin to count only after apprenticeship, inspectorship, or other subordinate position, unless the work done specifically shows that the applicant possesses

originality of design and has had responsibility in his subordinate position.

(c) In the office or drafting room, experience shall begin to count when the applicant ceases to do merely tracing, lettering, or purely mechanical work, requiring for its performance only mechanical dexterity, and enters upon a position where he begins actual design of major work.

(d) Experience in the teaching of engineering shall begin to count when the applicant is a full-time instructor of engineering in an engineering school whose standing is recognized by the Board, and each year of teaching shall be considered as equivalent to one year of practice.

(e) One year of the required experience shall be obtained under the direct supervision of a Registered Professional Engineer.

4. *Engineering School Graduates.*

(a) The educational qualifications of applicants who are graduates of engineering schools, in curricula which have been accredited by the Engineers Council for Professional Development, shall be accepted.

(b) The status of graduates from schools of engineering other than those so accredited will be determined by the Board.

(c) The Board in its discretion may allow an applicant who has satisfactorily completed a portion of the curriculum leading to a degree in engineering to substitute each year of work completed for one-half year of the experience to a maximum of 2 years. Applicants desiring to obtain credit under this section shall submit six certified copies of his transcript of college credits at the time the application is submitted. The transcript shall remain a part of the applicant's file.

(d) In the case of applicants who have college degrees in some branch of learning other than engineering the Board may allow credit for experience not to exceed one year of experience after an evaluation of the transcript of such college courses to determine what portion of the college work could be considered as basis to a career in Professional Engineering. Any applicant to whom this determination might apply must submit six certified copies of his college transcript which shall remain a part of his permanent file with the Board.

5. *Examinations and Ratings:*

Examinations will be held in April and December of each year in Little Rock. Other examinations may be held at such times and places as may be designated by the Board. In judging an applicant's qualifications for registration, the Board will use the following weighted factors:

Education, engineering experience, testimony of references
and other reliable sources of information 33 33 33%

The applicant must receive a minimum rating of 70%, on the combined grade as determined above to be eligible for registration. If the applicant receives a grade of less than 60.0% on either of the written examinations he shall be required to take only that portion of the examination again even though his average grade is over 70.0%. In case the applicant fails to receive the average 70.0% he may be readmitted to subsequent examinations subject to the following conditions:

Admission to two additional examinations without additional fee. Any applicant who fails a third time to pass the examinations will not be readmitted. A new application with fees will be required if the applicant desires to again take the examinations. Before the Board will favorably consider a new application of this type it must be convinced that the applicant has progressed in knowledge and experience beyond that evidenced at the time of his latest examination.

Applicants who fail to pass examinations will be notified of the time of the next examination. Each such applicant, if he desires a re-examination, must appear before the Board at the time stated in the notice or must notify the Secretary in writing of a desire for postponement to some future examination period. If applicant fails to respond to two such notifications the application file will be closed and will not be opened without the filing of a new application.

6. *Examinations and Issuing Certificates.*

(a) Examinations are required by law. They may be oral, written or both. Written examination will be required for original registration except in exceptional cases. Written examinations will be given in two sections. The first section will consist of an examination in the accepted fundamentals of engineering and will be given to all applicants. The second section will be a specialized examination in the particular branch of engineering selected by the applicant. For example, specialized examinations are offered in Highway Engineering, Hydraulics or Waterworks Engineering, Sanitary Engineering, Structural Engineering, Mining Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Industrial Engineering, Agricultural Engineering, Railway Engineering, Petroleum, etc. No specialized examinations will be offered which do not require of the applicant a knowledge of mathematics, the physical sciences and the principles of engineering. For example, the Board does not recognize such classifications as Tool Engineer, Sales Engineer, etc., or minor divisions of generally recognized field of engineering.

(b) Prior to the written examinations the Board will interview each applicant. The interview is given for the purpose of supplementing the formal application and to obtain an estimate of the applicant's personality, general information and experience. On the basis of the

interview together with formally submitted information the Board will either admit or deny the applicant to the examination and if admitted give him a grade on education and experience.

(c) Exemptions may be granted in exceptional cases of obvious outstanding educational and professional qualifications and accomplishments. Even in such cases oral examinations will be required.

7. *Seals.*

Section 4 (3) of Act 214 of 1953 stipulates that all plans, specifications, plats, reports, etc., issued by a registered engineer shall be stamped with a seal of a design authorized by the Board. While the Board assumes no responsibility for their procurement inquiry should be directed to the Secretary for information concerning their purchase.

8. *Application and Annual Renewal Fees.*

The original application for registration must be accompanied by a remittance of Fifteen (\$15.00) Dollars which will be retained to cover the cost of processing the application.

When the applicant has been notified that he has successfully passed the examination and has been certified for registration, an additional fee of Ten (\$10.00) Dollars will be required. Upon receipt of this fee a certificate will be issued by the Board authorizing him to practice as a Professional Engineer. Unless otherwise stipulated by the Board the payment of this amount will constitute payment of license for the remainder of the year in which the certificate was issued.

An annual renewal fee for all certificates is due and payable on or before January 1st of each year, for the ensuing year. (See Sec. 6 of Act 214 of 1953.) Annual registration renewal cards will be furnished promptly by the Secretary, on receipt of the renewal fee. These cards will serve as the Board's official receipt. Renewal fees must be in the Secretary's hands not later than January 31, if the registrant's name is to appear in the current roster.

9. *Registration Number.*

Certificates of Registration will be numbered consecutively in the order in which candidates qualify for registration.

10. *Revocation of Certificate for Non-Payment of Renewal Fee.*

The license of a registered engineer will be revoked when the annual renewal fee remains unpaid for a period of 12 months.

The procedure for reinstatement is set out in the following section.

11. *Reinstatement of Lapsed Certificate.*

Any registrant whose certificate of registration has been revoked for the non-payment of renewal fees may apply by letter for reinstatement. The application so filed must be supported with an amended experience record covering all experience subsequent to the

date of lapse. Upon receipt of the application and amended experience record the Board will determine whether to reinstate or whether to require a full examination as given for original registration. If reinstatement is granted, the applicant must pay all delinquent renewal fees not to exceed a total of \$25.00. If required to take the examinations he will be required to comply with the provisions of Section 9 hereof.

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